

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	137	(hitless "hit less" hit-less) and (sonet sdh)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/15 17:09
S2	221	traffic with groom\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/02 10:13
S3	9	S1 and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/28 15:10
S4	50	("5491696" "5517493" "6122249" "6628605" "6256291" "6836486" "5539448" "5712847" "5987027" "6175552" "6236660" "6567194" "6597214" "6724953" "6741615" "6775477" "6804248" "6834049" "5329524" "5287513" "5790520" "5563877" "6385213" "6751238" "5323390" "5351236" "5617453" "5760936" "5430716" "5459435" "5461345" "5663820" "5696761" "5757769" "5793745" "5805568" "5867484" "5878039" "5903367" "5974027" "5987026" "6034947" "6144633" "6163544" "6205121" "6496519" "6519061" "6545976" "6625115" "6785225").pn.	USPAT	OR	ON	2005/09/02 10:13
S5	4	("4468767"   "4935920"   "5018135"   "5033044").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/02 10:32
S6	8	("5287513").URPN.	USPAT	OR	ON	2005/09/02 10:38
S7	0	(retimer re-timer readjuster re-adjuster) and "input port" and "read pointer"	USPAT	OR	ON	2005/09/02 10:39
S8	20	(retimer re-timer readjuster re-adjuster) and "input port"	USPAT	OR	ON	2005/09/02 10:43
S9	10111	"frame position"	USPAT	OR	ON	2005/09/02 10:43
S10	108	tdm and S9	USPAT	OR	ON	2005/09/02 10:44
S11	7	("5544155"   "5684791"   "6091932"   "6343205"   "6353604"   "6377640"   "6470000").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/02 11:27
S12	2	("6625176").URPN.	USPAT	OR	ON	2005/09/02 11:29

## EAST Search History

S13	193	370/508.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/02 14:23
S14	1	09/941894	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/02 14:26
S15	360	"composite switch"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/02 14:28
S16	8	("time division" time-division tdm) and S15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/02 14:30
S17	23463	("time division" time-division tdm) and ((timer retime\$4 readjust\$4 synchroniz\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/02 14:31
S18	2450	("time division" time-division tdm) and ((timer retime\$4 readjust\$4 synchroniz\$4) with delay)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/02 14:33
S19	811	("time division" time-division tdm) and ((timer retime\$4 readjust\$4 synchroniz\$4) with delay) and read and write	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/02 14:34
S20	13	"timing source" and S19	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/02 14:36
S21	74	sonet and S19	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/02 14:36
S22	66	"frame position" and port and (sonet sdh)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 17:49

## EAST Search History

S23	52	S22 and @ad<"20010828"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/15 17:11
S24	17	S22 and @rlad<"20010828"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 17:51
S25	58	S23 S24	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 18:16
S26	8443	port with offset	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 18:17
S27	83	S26 and (sonet sdh)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 18:17
S28	54	S27 and @ad<"20010828"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 16:22
S29	22	S27 and @rlad<"20010828"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 18:17
S30	60	S28 S29	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 19:06
S38	14	"frame position register"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 16:22
S40	2932	"frame position" with (adjust\$4 tim\$4 retim\$4 offset align\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 16:15

## EAST Search History

S41	38	S40 and (sonet sdh)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 11:09
S42	28	S41 and @ad<"20010828"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 20:49
S43	8	S41 and @rlad<"20010828"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/21 20:49
S45	31	S42 S43	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 19:09
S46	19	"frame position counter"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 16:22
S47	18	S46 and @ad<"20010828"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 09:49
S48	7	S46 and @rlad<"20010828"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 16:22
S49	18	S47 S48	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 16:22
S50	36363	switch same ((position offset) with (stor\$4 memory register))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 16:18
S51	7	switch same ((position offset) with (stor\$4 memory register)) same "read pointer" same "write pointer"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 16:21

## EAST Search History

S52	6070	switch same ((position offset) with (stor\$4 memory register)) same first same second	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 16:22
S53	7	switch same ("frame position" with (stor\$4 memory register)) same first same second	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 16:22
S54	45	switch same (("frame position" "frame offset")with (stor\$4 memory register))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 16:23
S55	45	switch same (("frame position" "frame offset") with (stor\$4 memory register))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 16:23
S57	847	(tim\$4 with control\$4 with switch) and (sonet sdh)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 11:16
S58	611	S57 and @ad<"20010828"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 11:16
S59	212	S57 and @rlad<"20010828"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 11:17
S60	686	S58 S59	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 11:17
S61	22	("frame position" and port).clm.	US-PGPUB	OR	ON	2006/09/14 23:11
S62	68	(hitless) same (delay align boundary lag lead) same (detect\$4 memor\$3 monitor\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 09:49

## EAST Search History

S63	50	S62 and @ad<"20010828"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 09:49
S64	18	S62 and @rlad<"20010828"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 09:49
S65	53	S63 S64	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 17:56
S66	68	(hitless) same (delay align boundary lag lead) same (detect\$4 memor\$3 monitor\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 17:56
S67	50	S66 and @ad<"20010828"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 17:56
S68	18	S66 and @rlad<"20010828"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 17:56
S69	53	S67 S68	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 17:56
S70	36	first with second and S69	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 17:56
S71	1	(US-20020118668-\$).did.	US-PGPUB	OR	ON	2006/04/02 19:06
S72	1	(US-6535479-\$).did.	USPAT	OR	ON	2006/04/02 19:07
S73	1	(US-5825821-\$).did.	USPAT	OR	ON	2006/04/02 19:07
S74	3	S71 S72 S73	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/02 19:07

## EAST Search History

S75	68	(hitless) same (delay align boundary lag lead) same (detect\$4 memor\$3 monitor\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/02 19:07
S76	50	S75 and @ad<"20010828"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/02 19:07
S77	18	S75 and @rlad<"20010828"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/02 19:07
S78	53	S76 S77	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/02 19:07
S79	36	first with second and S78	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/02 19:07
S80	3	S79 and S74	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/02 19:17
S81	2	(stor\$4) and S74	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/02 19:10
S82	17	S78 not S79	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/02 19:18
S83	189	(hitless "hit less" hit-less) and (sonet sdh)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 23:09
S84	71	(hitless) same (delay align boundary lag lead) same (detect\$4 memor\$3 monitor\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 23:10

## EAST Search History

S85	905	(tim\$4 with control\$4 with switch) and (sonet sdh)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 23:10
S86	22	("frame position" and port).clm.	US-PGPUB	OR	ON	2006/09/14 23:11
S87	3071	"frame position" with (adjust\$4 tim\$4 retim\$4 offset align\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 19:09
S88	44	S87 and (sonet sdh)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 19:09
S89	31	S88 and @ad<"20010828"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 19:09
S90	9	S88 and @rlad<"20010828"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 19:09
S91	35	S89 S90	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/01 19:09
S92	4	((frame with synchroniz\$4) same "propagation delay") and (sonet sdh)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/15 17:10
S93	0	((synchroniz\$4) same "largest propagation delay") and (sonet sdh)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/15 17:11
S94	62	((synchroniz\$4) same "propagation delay") and (sonet sdh)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/15 17:11

## EAST Search History

S95	37	S94 and @ad<"20010828"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/15 17:11
S96	18	S94 and @rlad<"20010828"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/15 17:11
S97	46	S95 S96	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/15 17:11

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	23	("frame position" and port).clm.	US-PGPUB	OR	ON	2007/02/19 22:08